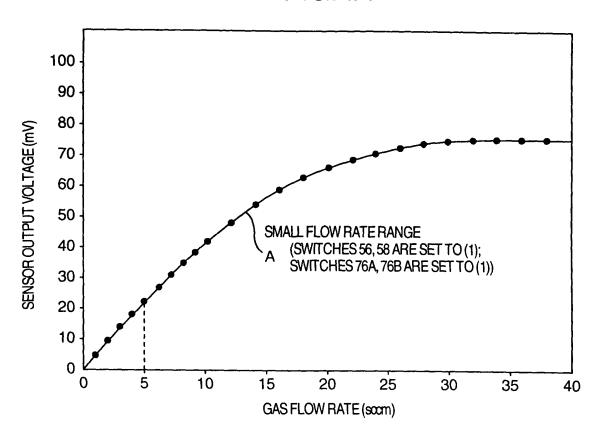


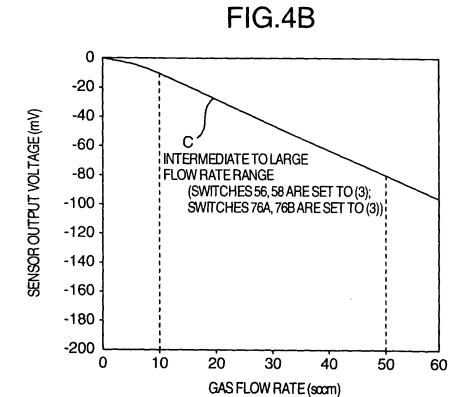
Filing Date: July 21, 2003 Peter D. Olexy 202-663-7913 Page 3 of 18 ► (FLOW RATE VALUE) **COC**THIRD FLOW RATE
DECISION UNIT 69 FLOW RATE RANGE INCREASING MEASUREMENT MEANS .60A ,62 **70** DUMMY REFERENCE RESISTOR GROUP **66 DUMMY SENSOR PIPE** SENSOR CONTROL UNIT 68 DUMMY RESISTOR GROUP ε <u>ල</u> 28 < EMBODIMENT 2> 56 $\widehat{\Xi}$ (3) **R**4-FLOW RATE RANGE INCREASING DIFFERENTIAL CIRCUIT 74 VS1 Vs3 **FIG.3** % 8 SWITCH MEANS 76 64 RESISTOR GROUP 76B 76A °Ē FOR-DUMMY CONSTANT 72 - CURRENT SOURCE **R**4 Ra R7-7W-724 **8**8 26 <u>E</u> **R**5 41 FLOW RATE Q

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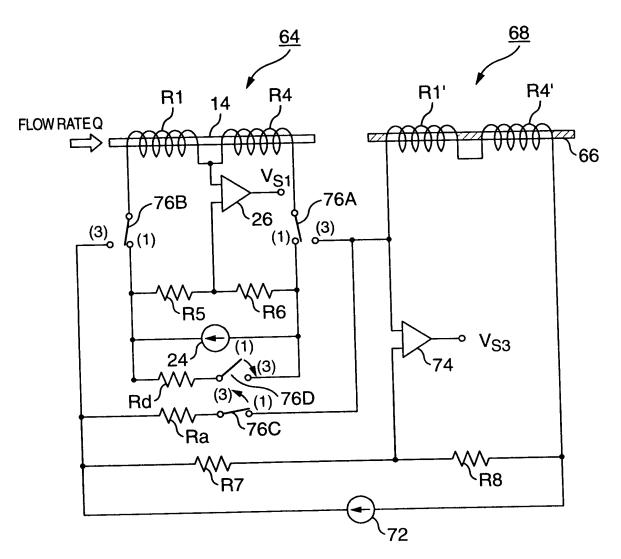
FIG.4A





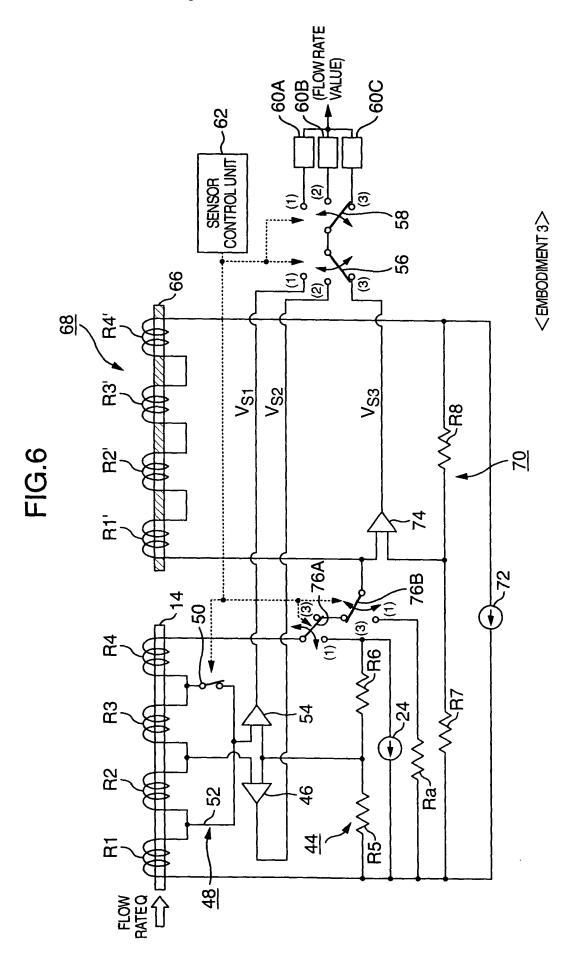
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FIG.5



<MODIFIED EXAMPLE OF SECOND EMBODIMENT>

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FIG.7A

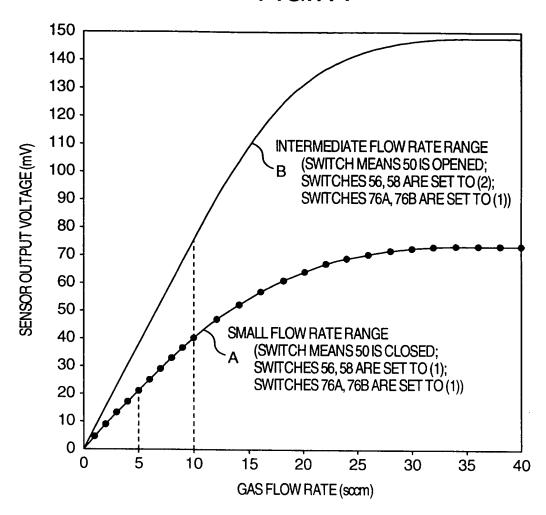
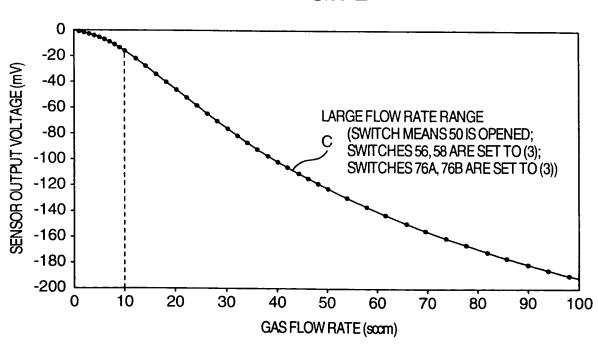
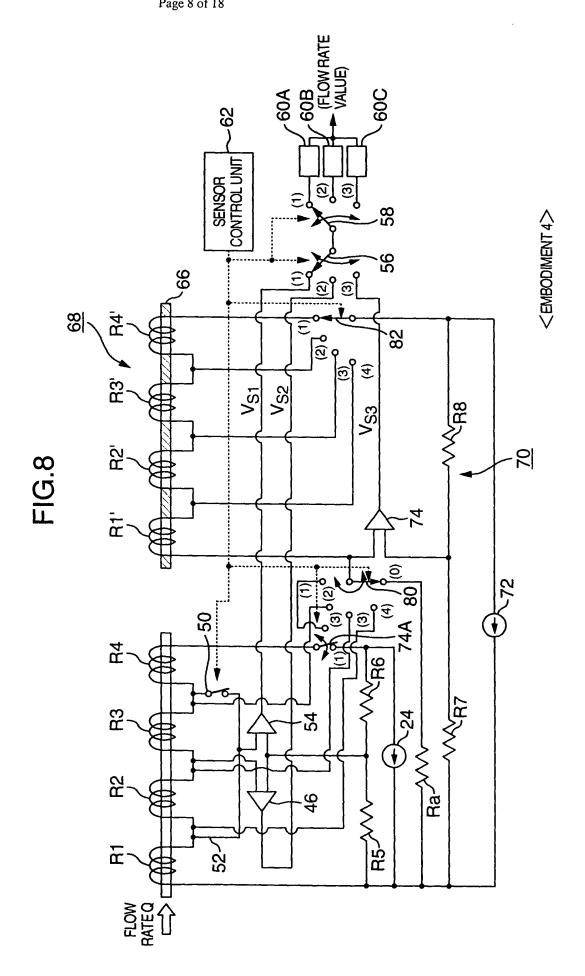


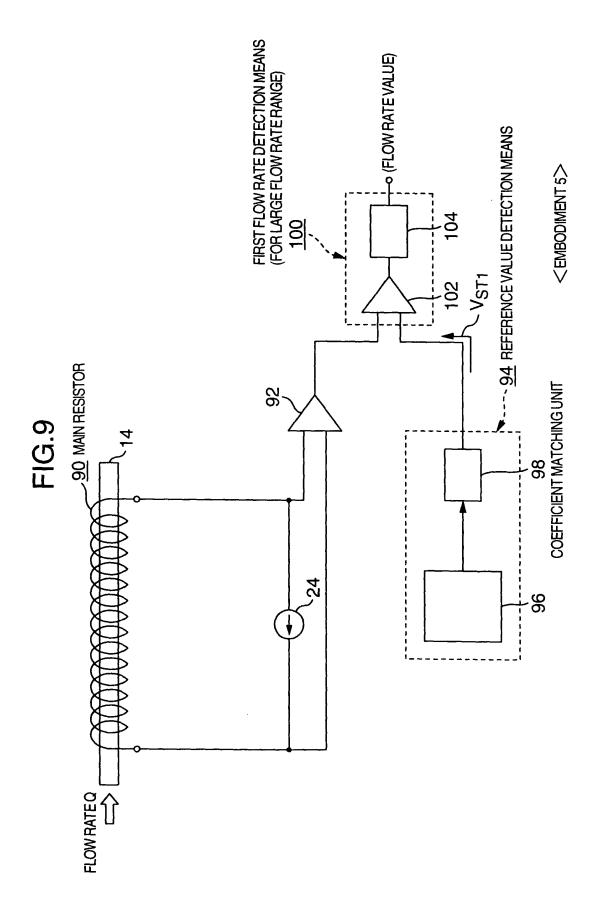
FIG.7B



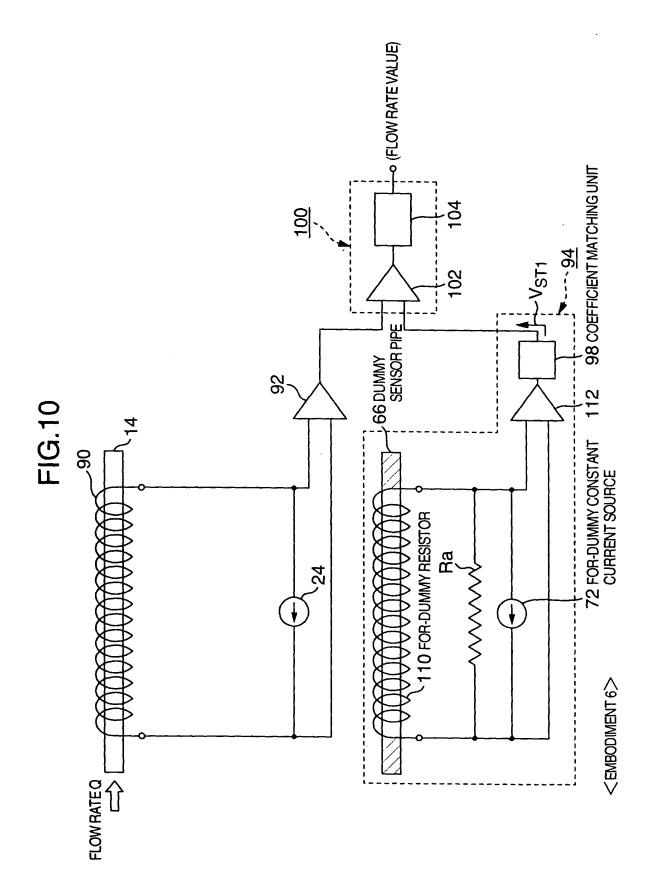
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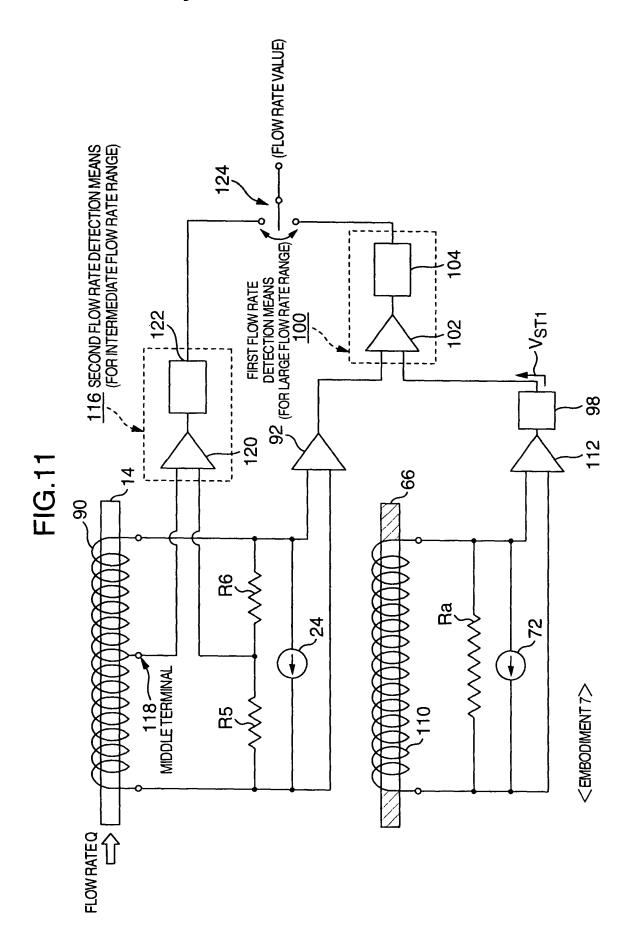
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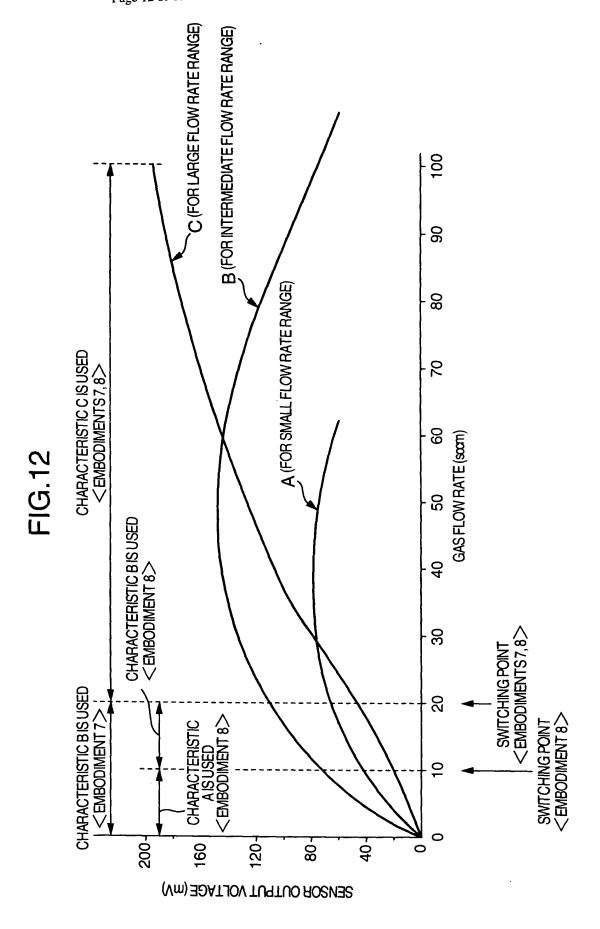
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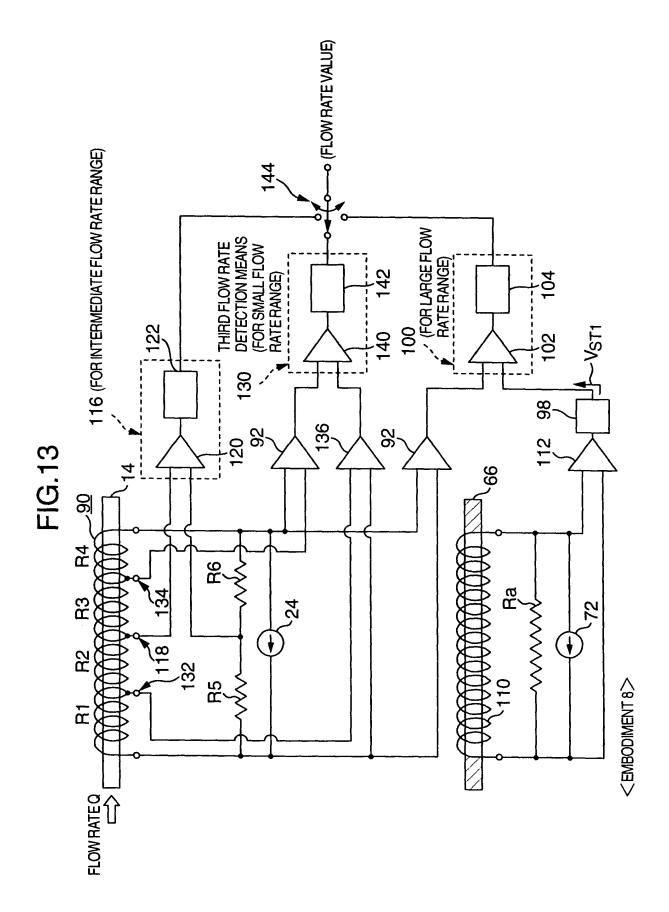
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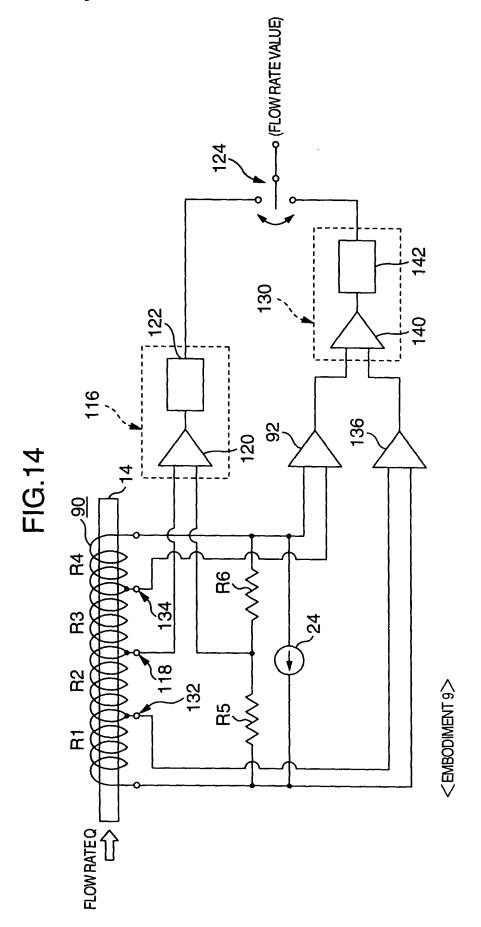
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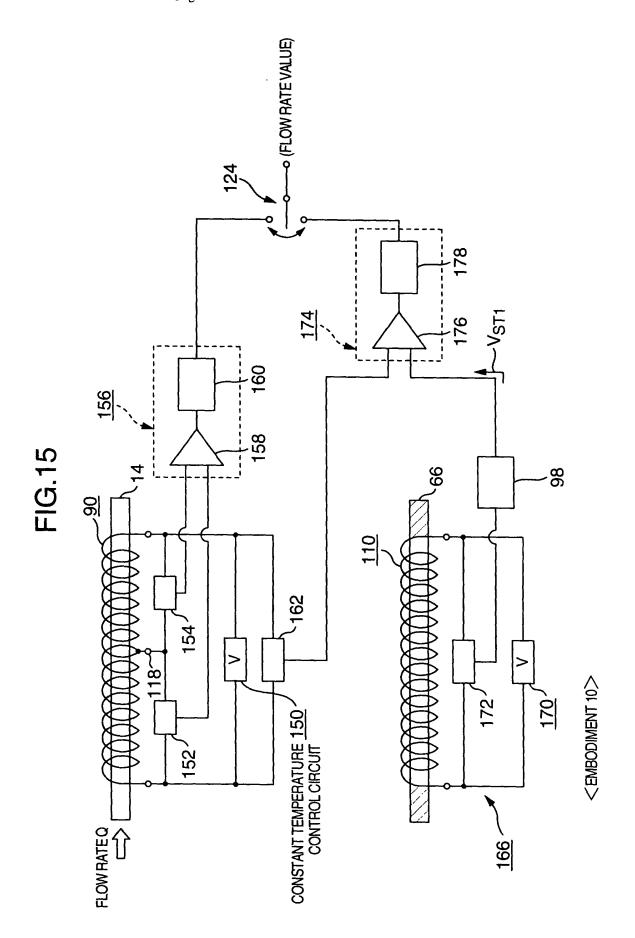
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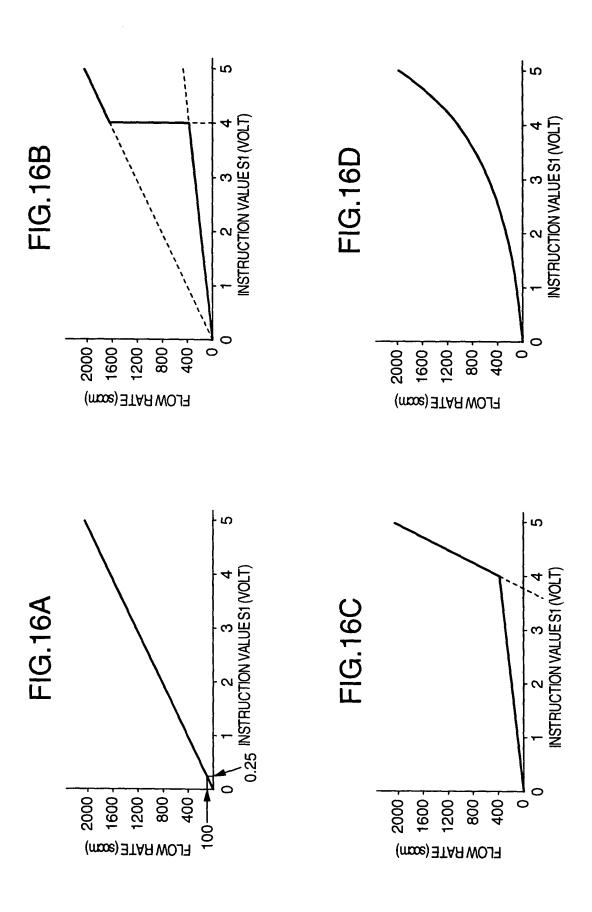
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FIG.17 PRIOR ART

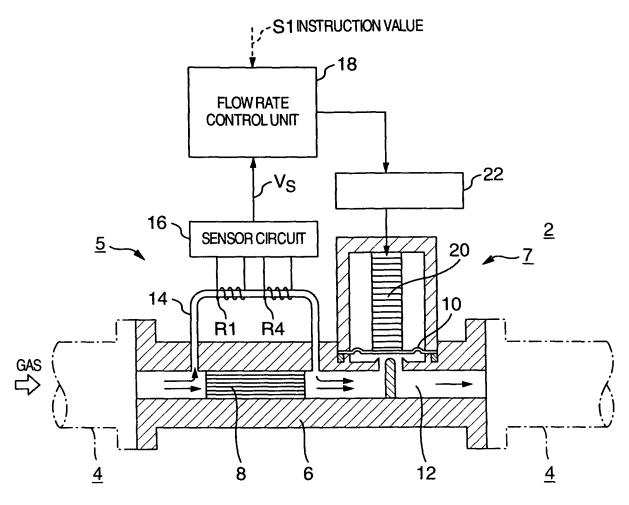
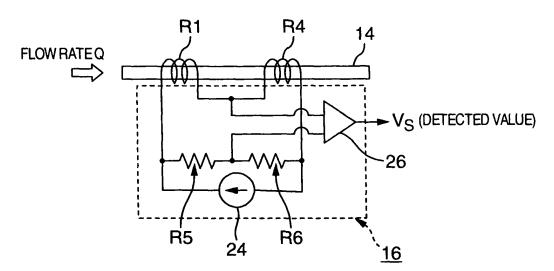


FIG.18 PRIOR ART



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FIG.19 **PRIOR ART**

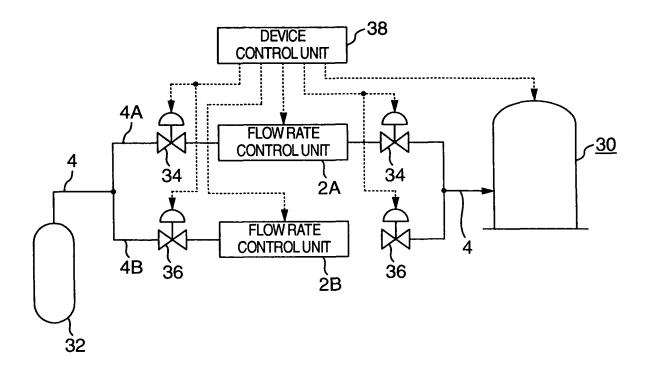


FIG.20 **PRIOR ART**

